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PATENT ABSTRACTS OF JAPAN

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(54) COLLATION DEVICE FOR CHARACTER STRING AND DATA BASE SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To flexibly set the retrieval conditions of a data base.

SOLUTION: When a key word 'hypertension' at the time of retrieval is inputted as a first character string, it is converted into a synonym 'KOUKETSUATSU(hypertension)' by a thesaurus dictionary 15. In the meantime, one key word 'blood pressure is high' prepared on a data base side is extracted as a second character string and an evaluated value for indicating the similarity degree of the first character string 'KOUKETSUATSU' and the second character string 'blood pressure is high' by a numerical value is obtained in a similarity evaluation part 30. The evaluated value is compared with a threshold value set in a threshold value setting part 40 in a judgement part 50, and when the evaluated value is more than the threshold value, the judged result that both key words match is originated and data related to the key word 'blood pressure is high' are presented as retrieved results. The evaluated value is obtained by performing weighting different between KANJI (Chinese characters) and non-KANJI and counting the number of characters in common.

